

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:)
)
Nelson et al.)
)
Application No: Unassigned)
)
Filed: March 18, 2004)
)
For: METHODS OF OPTIMIZING A RESPONSE)
OF A GAS CORRELATION RADIOMETER TO A)
TRACE AMOUNT OF A TARGET GAS)
)

Group Art Unit: Unassigned
Examiner: Unassigned
Atty. Docket No: OPHIP001D
Date: March 18, 2004

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on **March 18, 2004**, in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number **EV381562523US**, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kay Harlow
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.56 AND 1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a PTO Form 1449 listing references to be made of record. Copies of each of the identified references have been previously submitted in the parent case having Serial Number 10/155,770, and may be material to the examination of the above-identified patent application. Applicants submit this list of references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

It is respectfully submitted that no fee is due in conjunction with the filing of this IDS because the Information Disclosure Statement is being filed before the first Office Action. However, should the Commissioner determine that additional fees are required for filing the present Information Disclosure Statement, the Commissioner is hereby authorized to charge any such fees to our deposit account number 50-0805 (Order No: OPHIP001D). A copy of this sheet is enclosed.

Respectfully submitted,

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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Attorney Docket No:	U.S.
	OPHIP001D	Unassigned
	Applicant:	
	Nelson et al.	
	Filing Date:	Group:
	March 18, 2004	Unassigned

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class
	A	4,394,575	07/1983	Nelson	250	343
	B	4,489,239	12/1984	Grant et al.	250	339
	C	4,507,558	03/1985	Bonne	250	345
	D	4,873,481	10/1989	Nelson et al.	324	58.5 R
	E	4,874,572	10/1989	Nelson et al.	376	256
	F	4,958,076	09/1990	Bonne et al.	250	343
	G	5,583,877	12/1996	MacPherson et al.	372	4
	H	5,606,804	03/1997	Smith et al.	34	261
	I	5,696,778	12/1997	MacPherson	372	4
	J	5,748,325	05/1998	Tulip	356	437
	K	5,889,198	03/1999	Reitmeier et al.	73	25.05
	L	5,946,095	08/1999	Henningsen et al.	356	346
	M	6,121,627	09/2000	Tulip	250	559.4

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	N							
	O							
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	Q	Fried et al., "Intercomparison of Tunable Diode Laser and Gas Filter Correlation Measurements of Ambient Carbon Monoxide", 9/27/01, pp. 2277-2284, Atmospheric Environment, F-283, Vol. No. V25(A) #10, 1991, Great Britain.
	R	Herget et al., "Infrared gas-filter correlation instrument for in situ measurement of gaseous pollutant concentrations", pp. 1222-1228, May 1976, Applied Optics, Vol. 15, No. 5.
	S	Sandsten et al., "Gas imaging by infrared gas-correlation spectrometry", pp. 1945-1947, Dec. 1, 1996, Optics Letters, Vol. 21, No. 23, Optics Letters.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.